

Fig. 1 Bis In³⁺ IMP 274

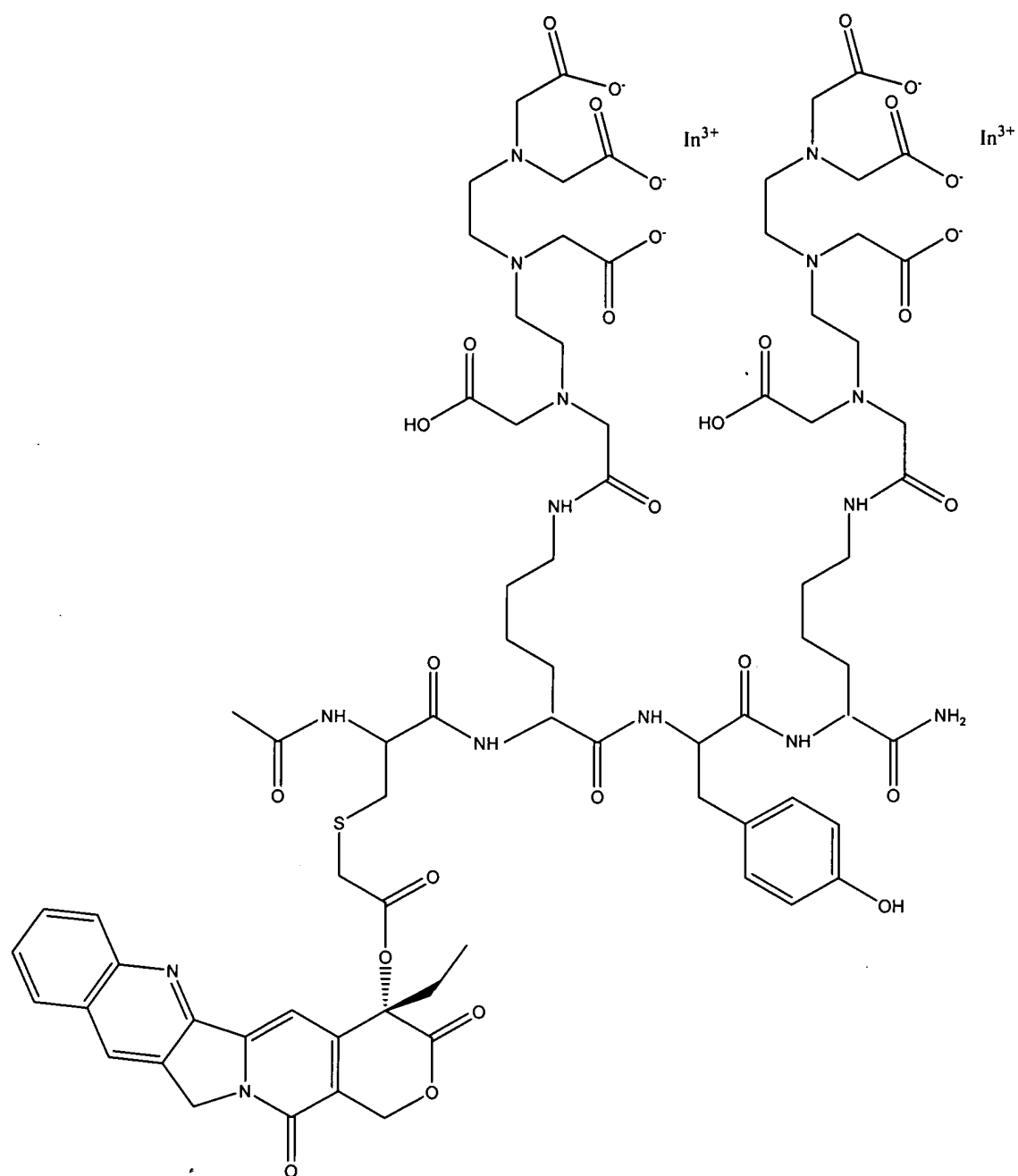


Fig. 2 Bis In³⁺ IMP 274 (SN-38 analog)

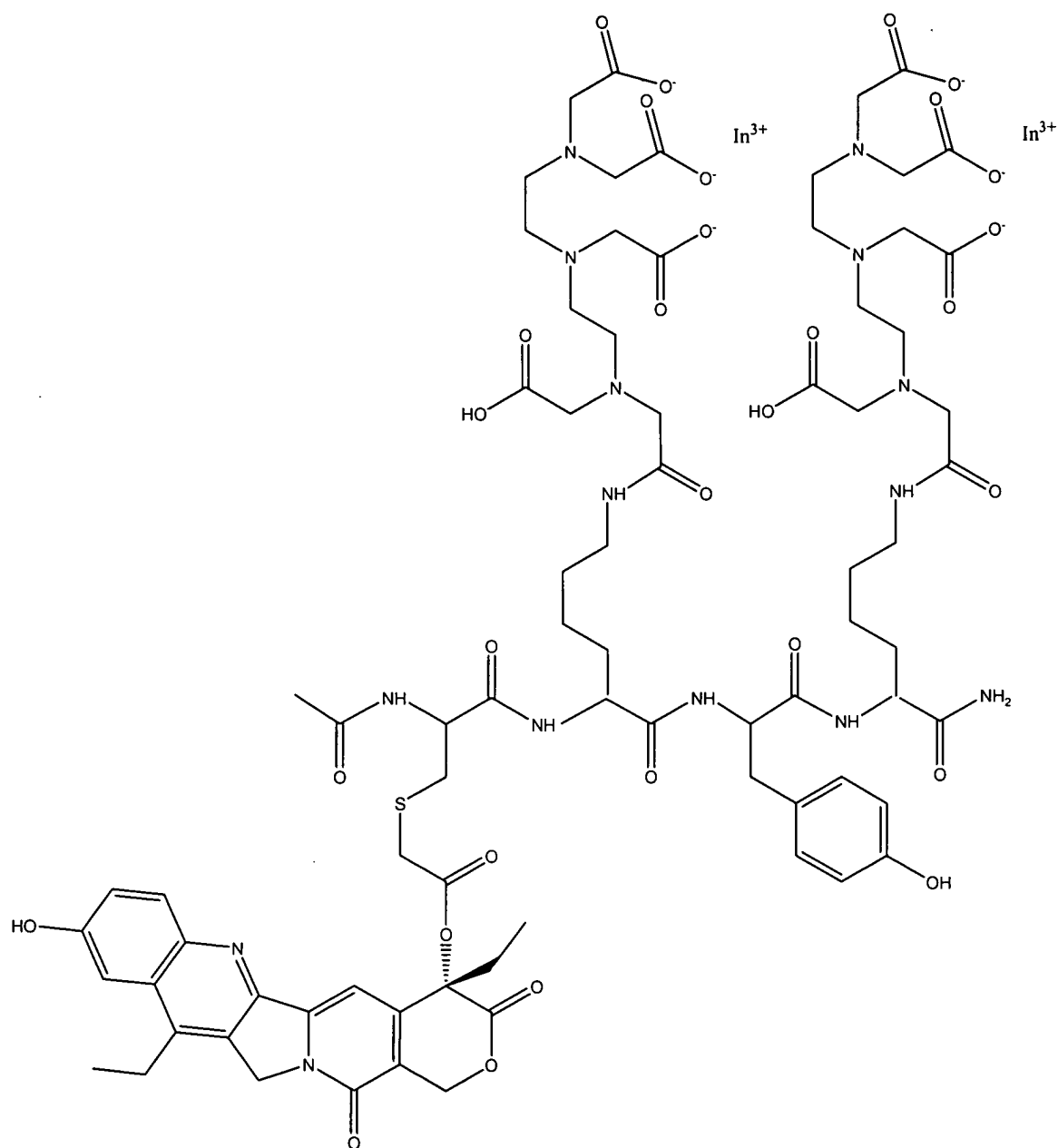


Fig. 3 Bis In³⁺ IMP 274 (SN-38 analog with penicillamine linker)

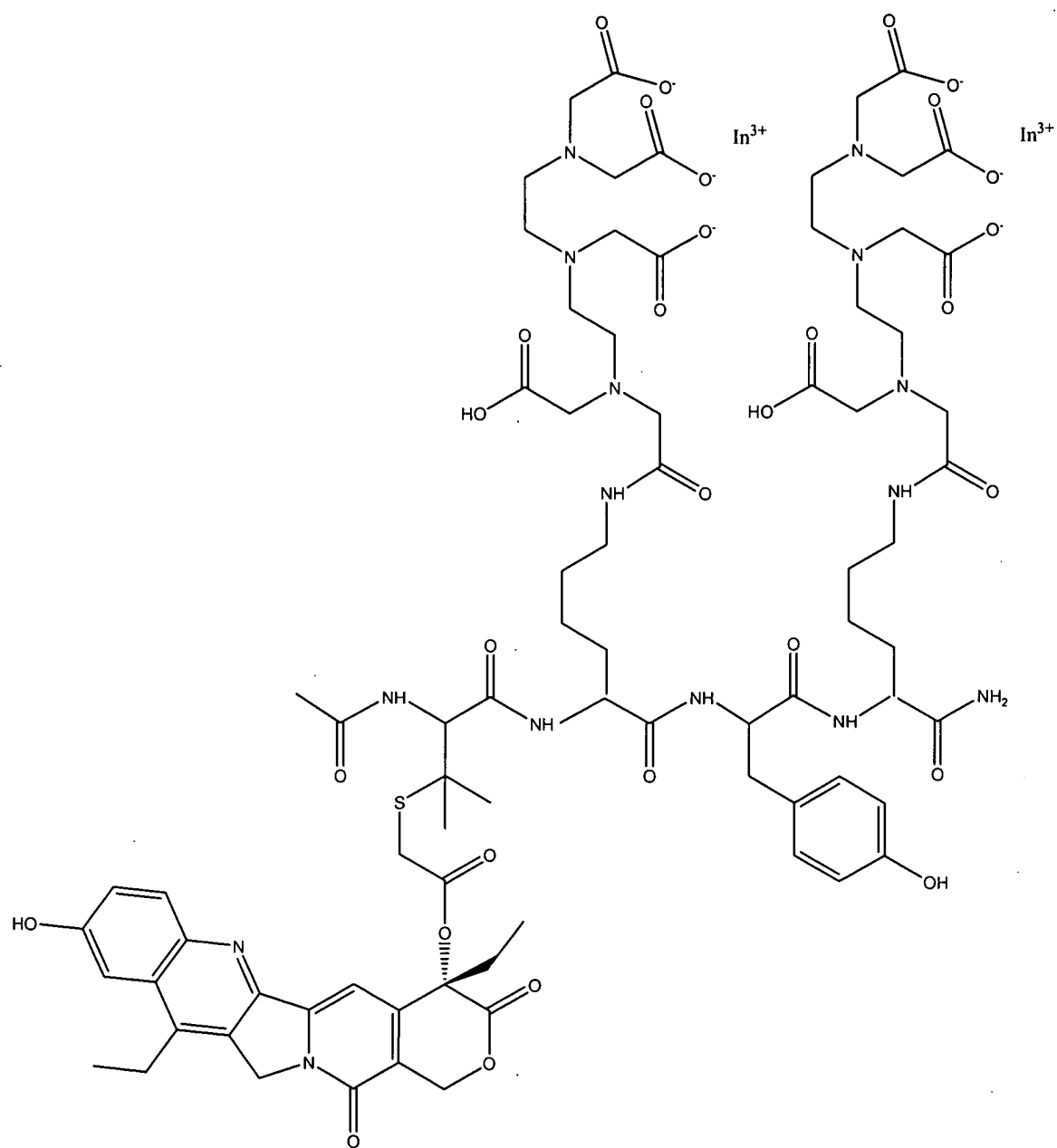


Fig. 4 Bis In³⁺ IMP 274 (SN-38 analog linked to a cysteine using a hindered ester)

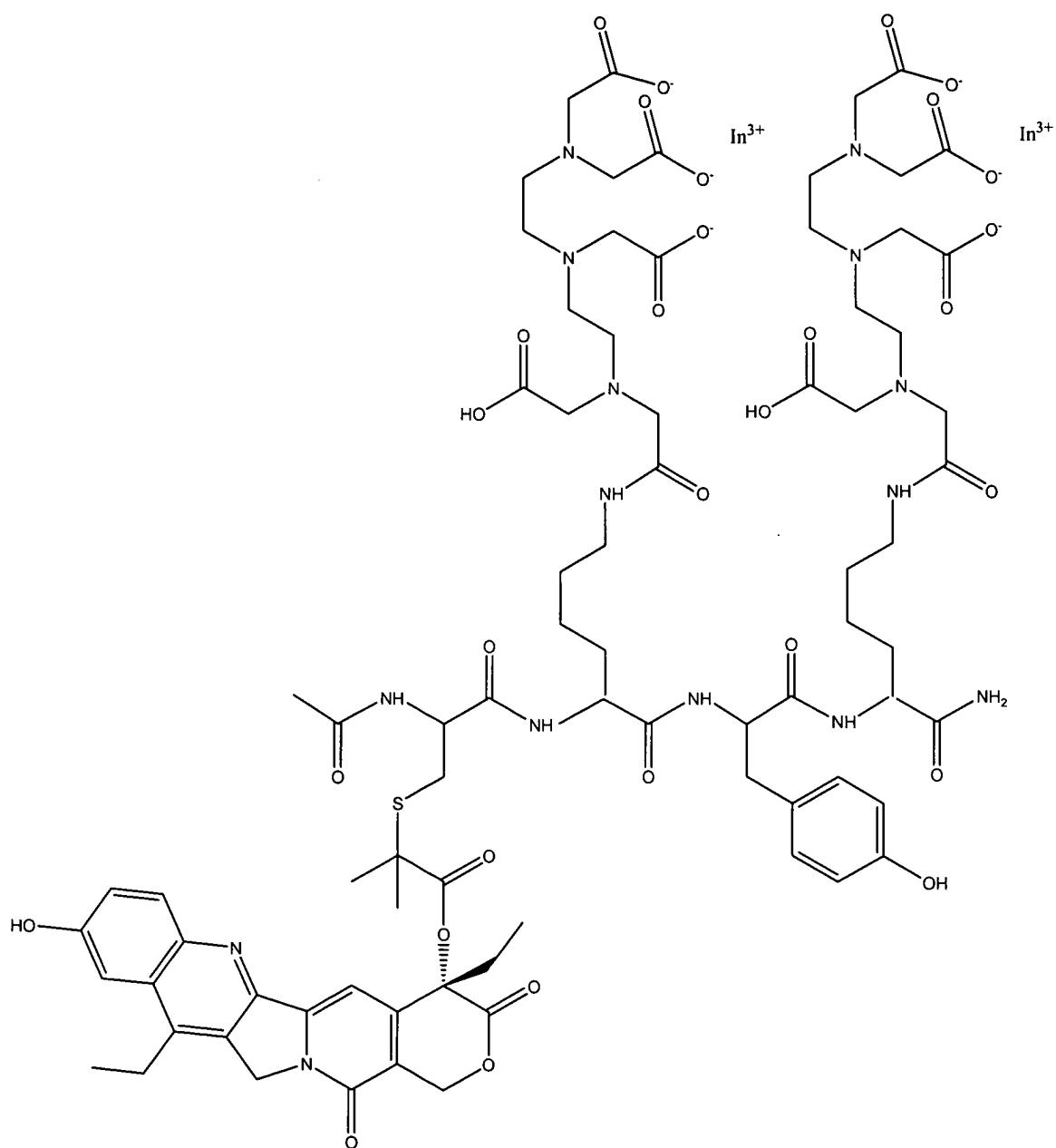


Fig. 5 IMP 225

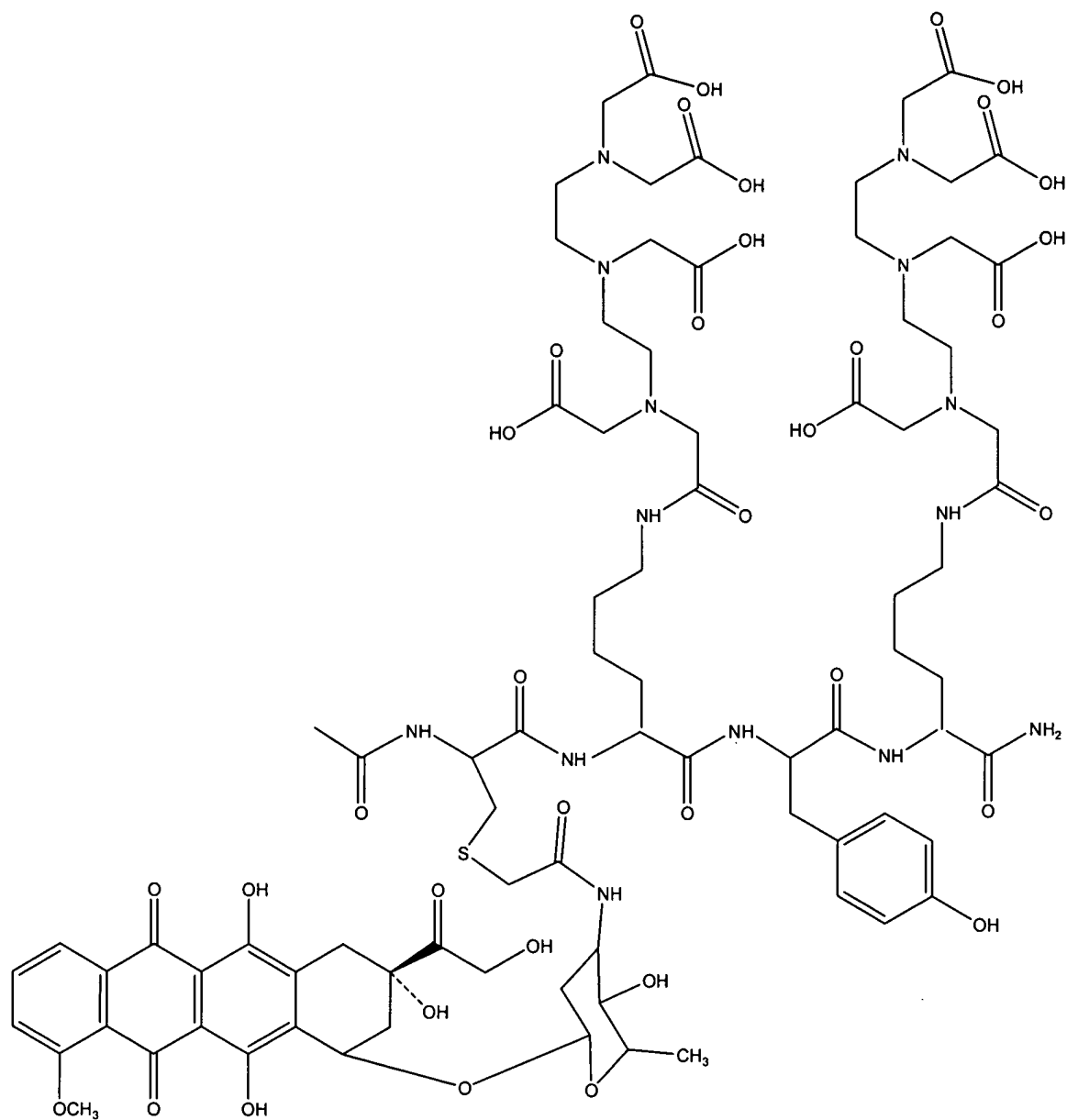


Fig. 6 Bis In³⁺ IMP 224

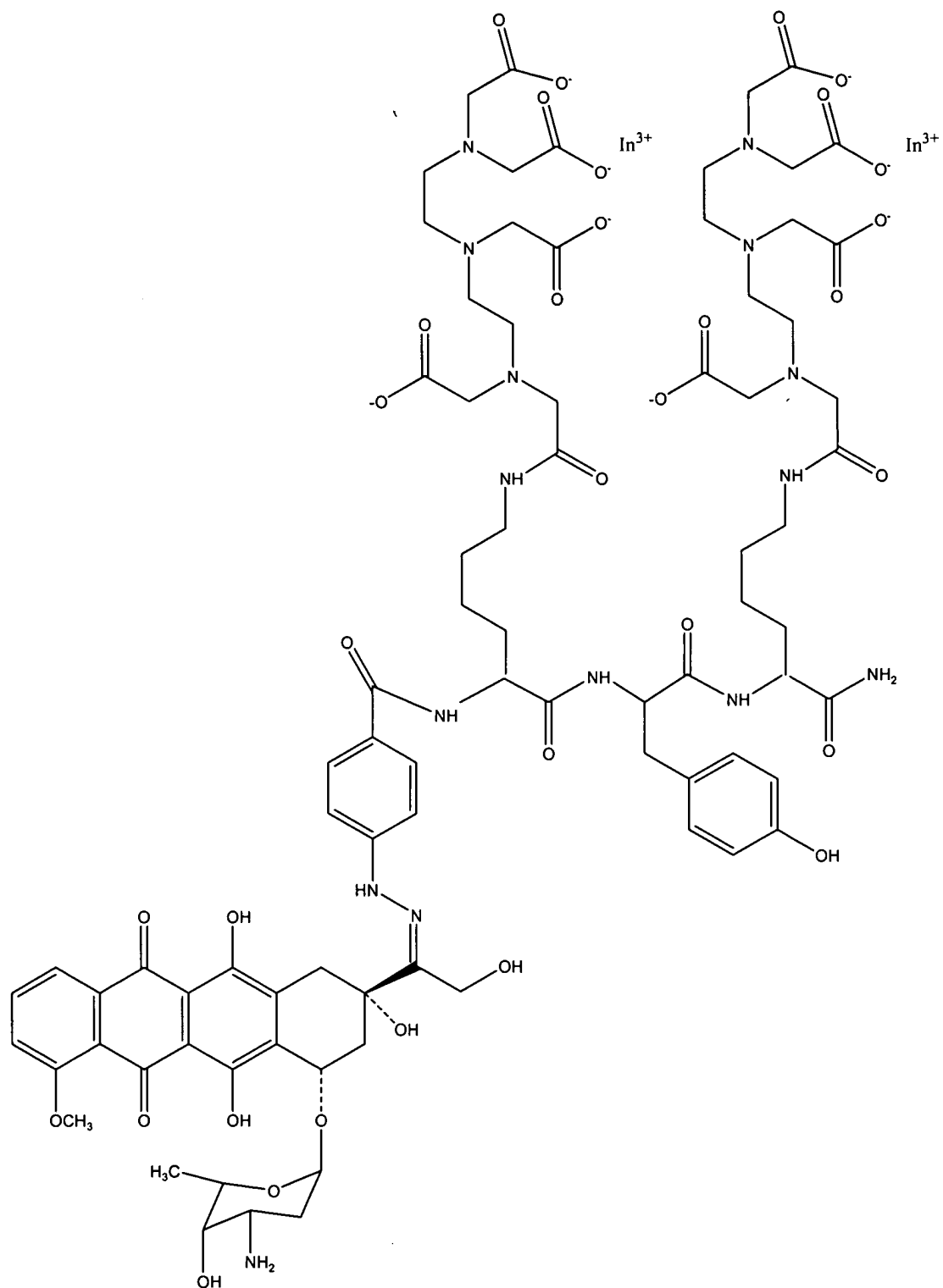


Fig. 7 HPLC analysis (Reverse Phase) of ^{111}In -Labeled IMP 274

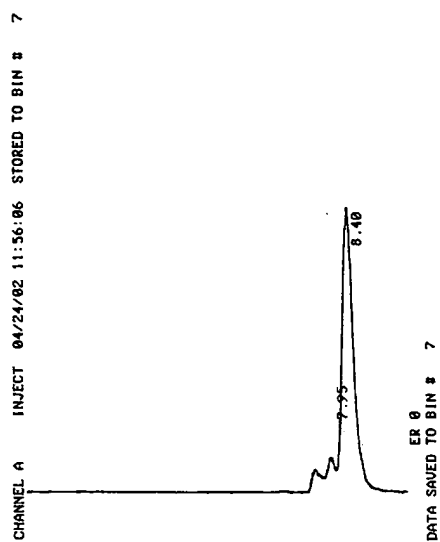


Fig. 8 HPLC Analysis (Size Exclusion) of ^{111}In -Labeled IMP 274

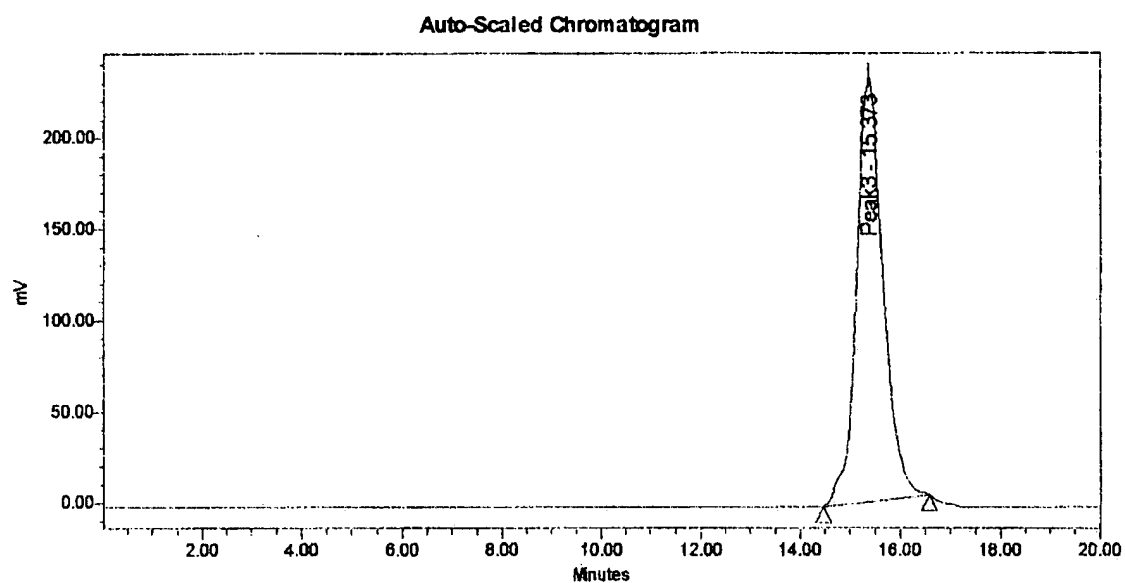
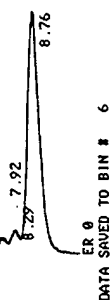


Fig. 9A HPLC analysis (Reverse Phase) of
 ^{111}In -Labeled IMP 274 in Mouse Serum

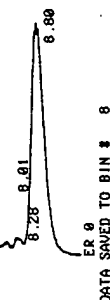
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t = 0 hrs



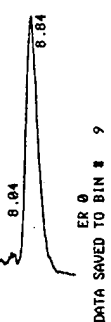
CHANNEL A INJECT 04/17/02 14:08:49 STORED TO BIN # 8

t = 0.5 hrs



CHANNEL A INJECT 04/17/02 14:29:52 STORED TO BIN # 9

t = 1 hrs



CHANNEL A INJECT 04/17/02 15:29:20 STORED TO BIN # 11

t = 2 hrs

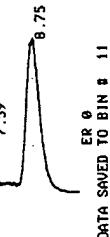


Fig. 9B HPLC analysis (Reverse Phase) of
 ^{111}In -Labeled IMP 274 in Mouse Serum

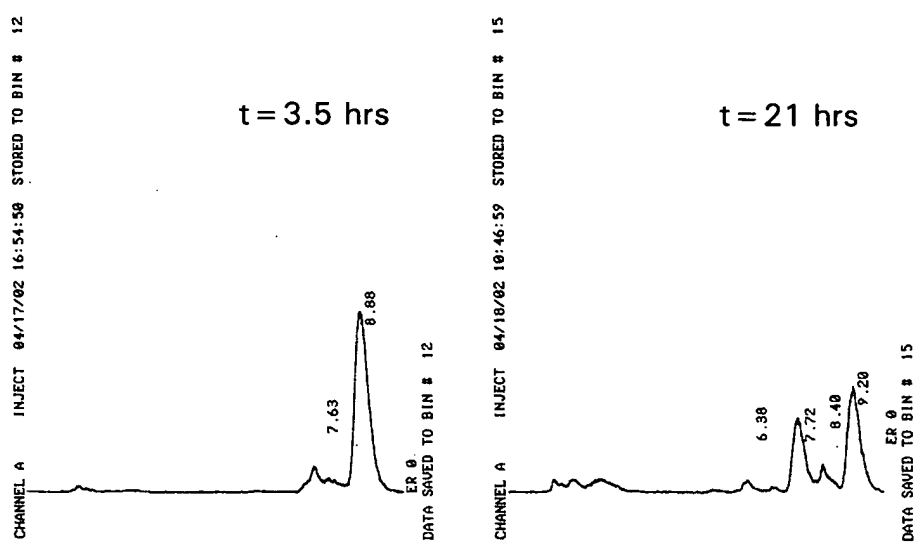


Fig. 10A HPLC analysis (Reverse Phase) of
 ^{111}In -Labeled IMP 274 in Human Serum

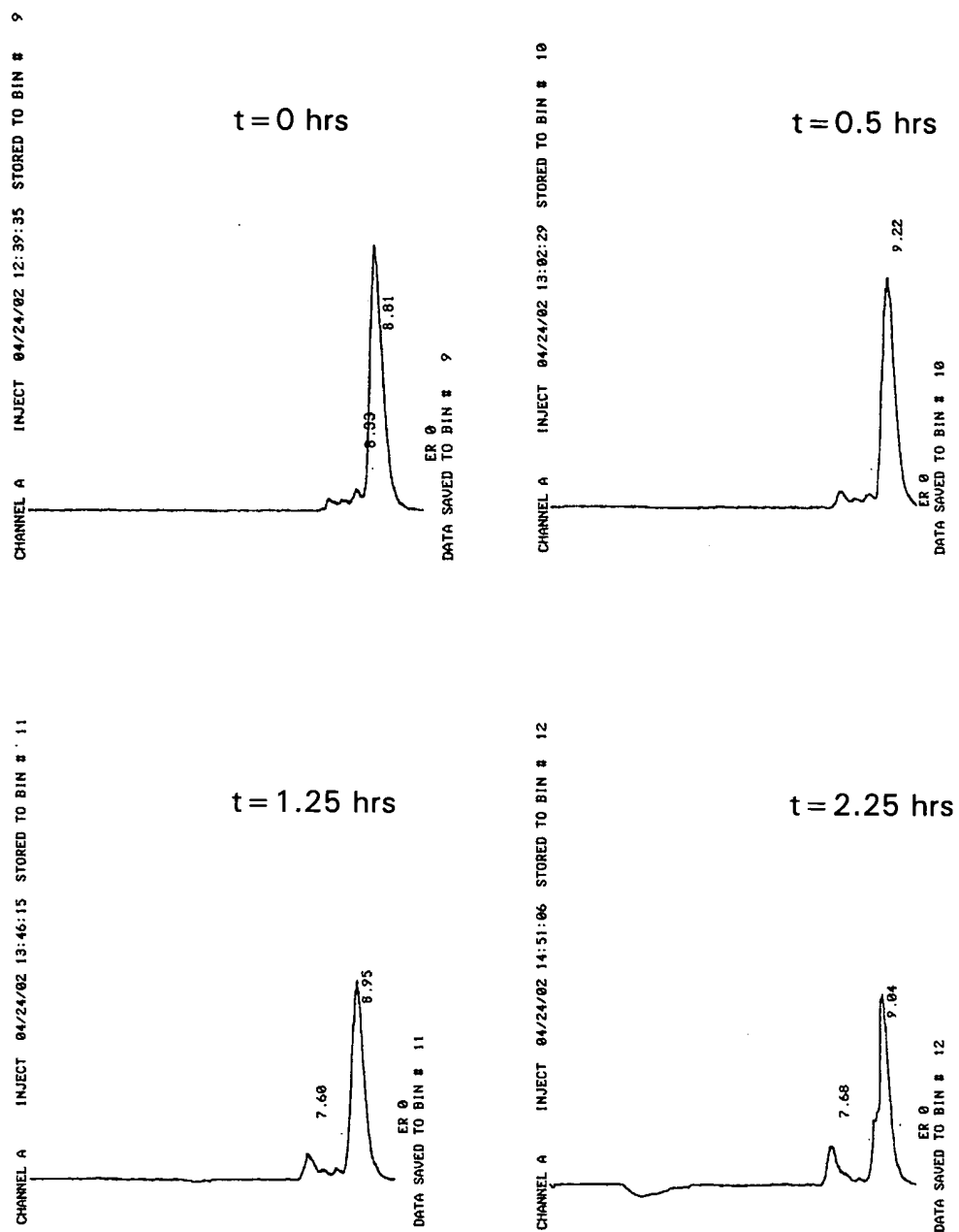


Fig. 10B HPLC analysis (Reverse Phase) of
 ^{111}In -Labeled IMP 274 in Human Serum

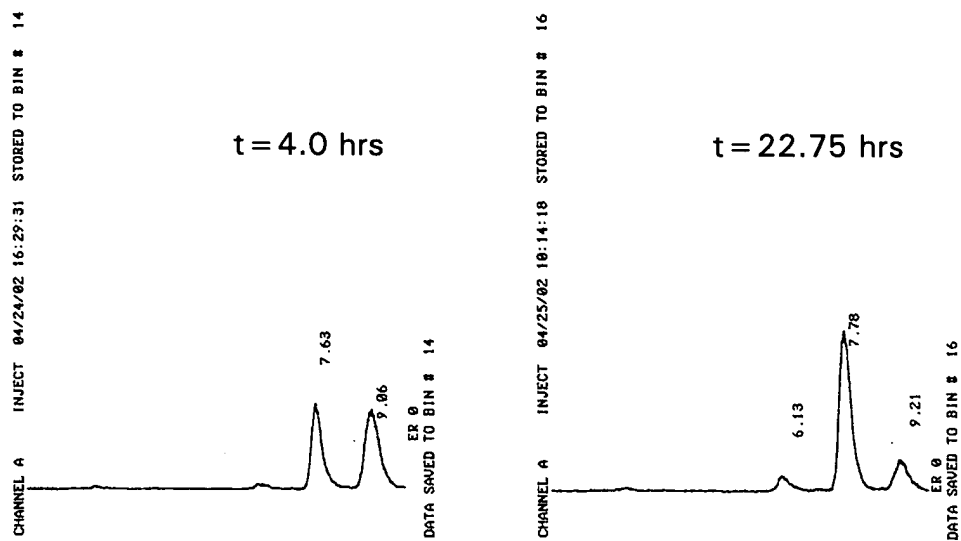


Fig. 11 HPLC analysis (Size Exclusion) of ^{111}In -Labeled IMP 274 in
Mouse Serum containing bsAb 734xhMN14

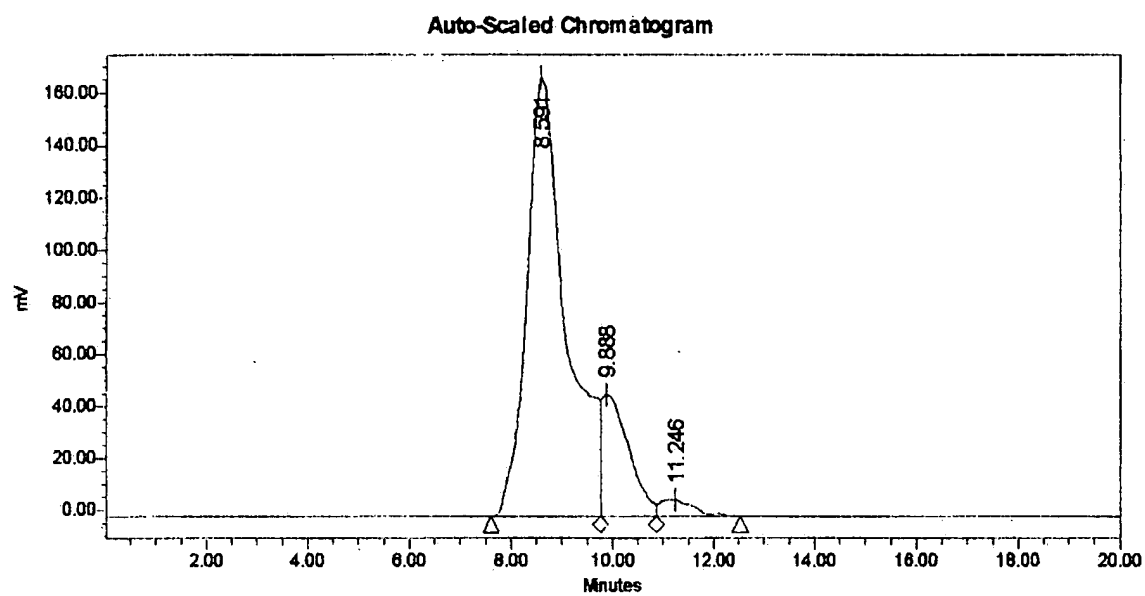


Fig. 12 HPLC analysis (Size Exclusion) of ^{111}In -Labeled IMP 274 in Human Serum containing bsAb 734xhMN14

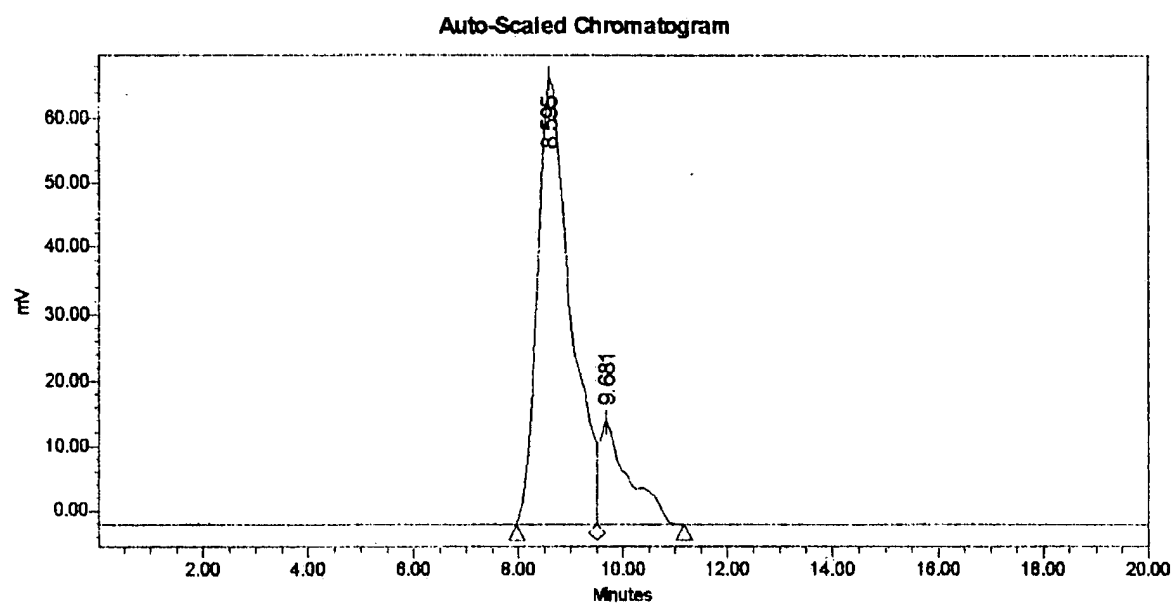
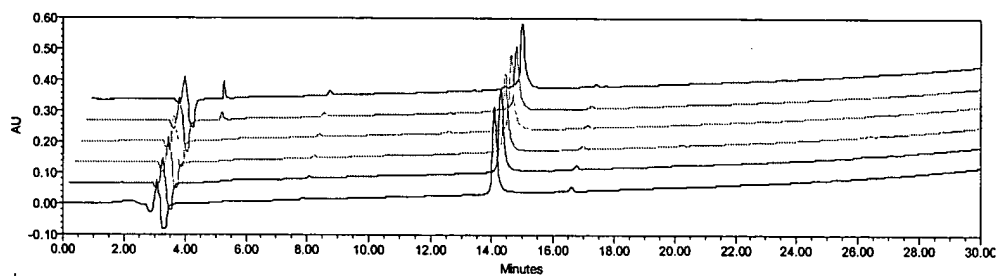


Fig. 13 Stability of IMP 294 (A) and IMP 295 (B) in PBS at 25°C
Over 7 Days

A



B

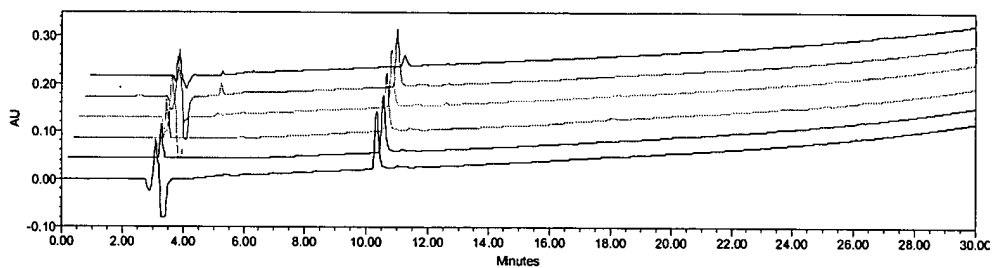


Fig. 14 Pre-targeting in SCID Mice

A.

SCID Mice Inoculated i.v. with 1.5×10^7 Daudi Cells					
Group	(N)	Treatment	Ratio	Dose	Schedule
I	9	LL2x734 IMP-225	(1:1)	300 μg (3×10^{-9} moles) ~ 6 μg (3×10^{-9} moles)	Days 1, 3, 7, 9 Days 2, 4, 8, 10
II	8	IMP-225 Alone	N/A	~ 30 μg (1.5×10^{-8} moles)	Days 2, 4, 8, 10

B.

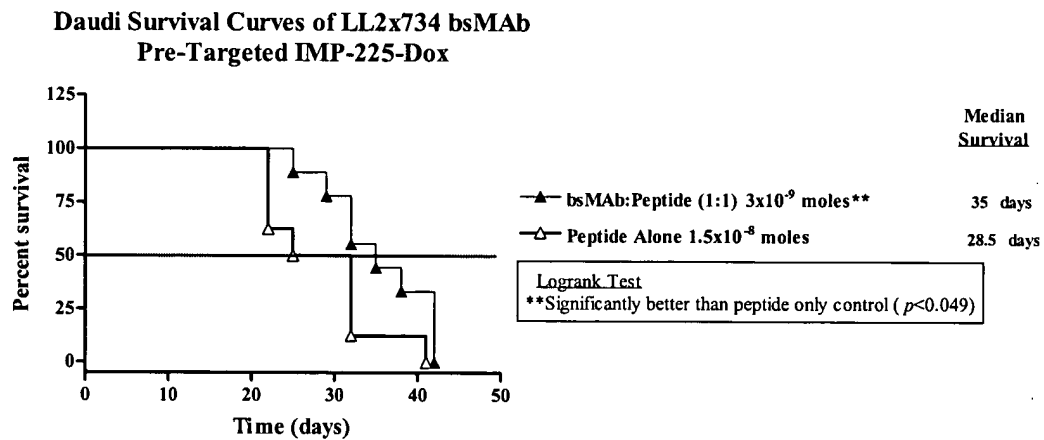


Fig. 15 Synthesis of DTPA Precursor and DTPA (Three Step Method)

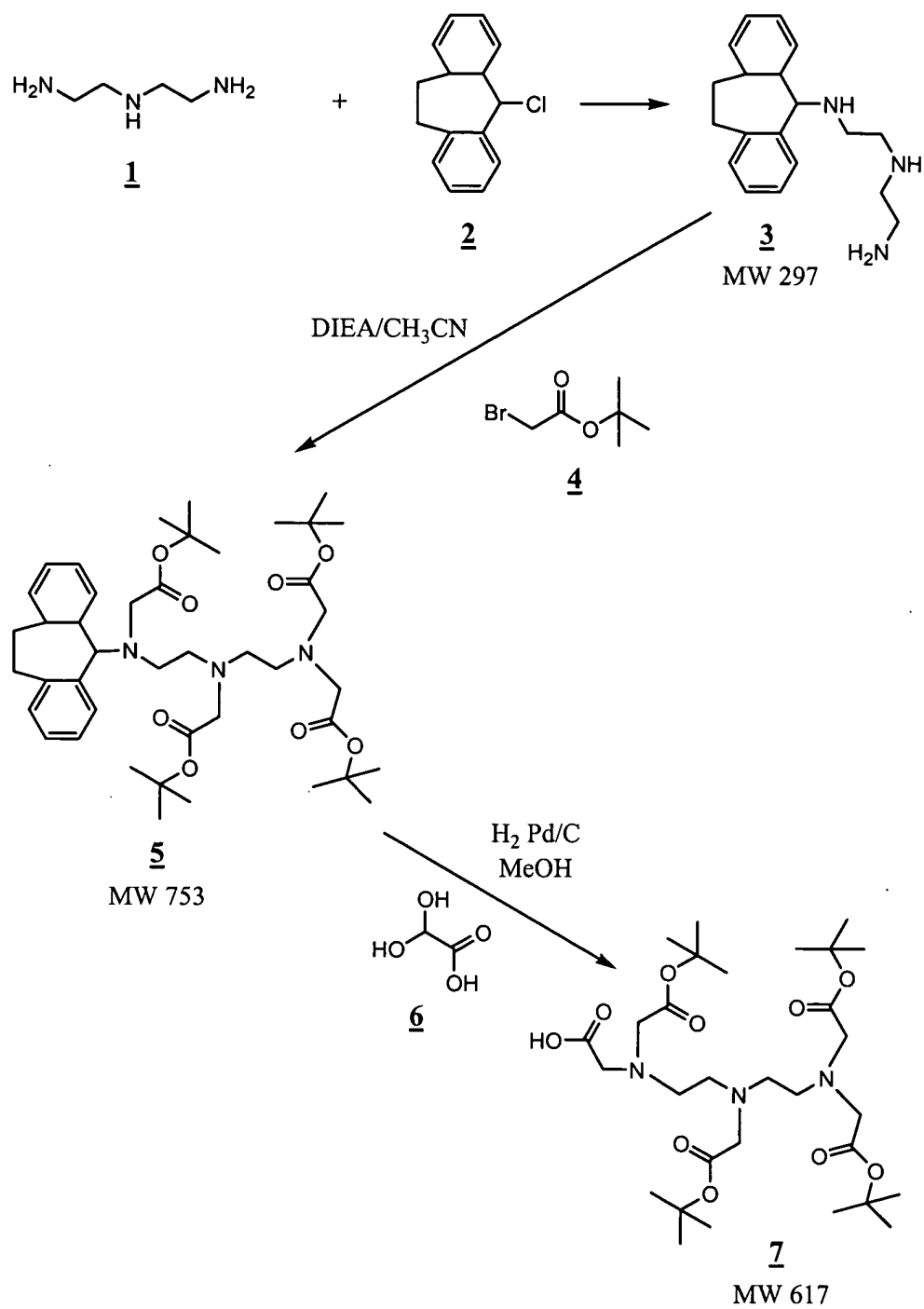


Fig. 16 Synthesis of DTPA Precursor and DTPA (Four Step Method)

